				(E)			·····	Page 1 of 6
•			FE	3 8 Jun 5	ATTY. DOCKET NO. 2099.0070001/JAG/LBE	3	APPLICATION NO. 10/721,793	
	F	ORM P	TO-1440 OSURE ST		FIRST NAMED INVENTOR Corona Villegas et al.	R		
. INFOR	MATION	DISCL	OSURE SE	ZEMEN!	FILING DATE		ART UNIT	<del></del>
·				U.S. PA	November 26, 2003 TENT DOCUMENTS		1653	
EXAMINER INITIAL		DOC	JMENT	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA1		1,922	05/18/1999	Carroll			05/16/1995
	AB1	5,44	3,976	08/22/1995	Carroll			07/14/1994
	AC	†						
	AD	<del> </del>						
	AE	1						
	AF							
	AG			<u> </u>				
	AH	<del> </del>						
	Al							
	AJ	<u> </u>						
	AK							
				FOREIGN	PATENT DOCUMENTS	3		
EXAMINER INITIAL	]	DOC	UMENT BER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL							Yes No
	АМ							Yes No
	AN							Yes No
	AO							Yes No
	AP		<u> </u>					Yes No
	_LO!		OTHER (I	ncluding Auth	or, Title, Date, Pertine	nt Pages, e	tc.)	
A	AR	1	Becerril, B., the scorpior (1993)	et al., "Cloning a n Centruroides no	and characterization of cDN exius Hoffman," <i>Gene 128</i> :	NAs that code 165-171, Els	e for Na <sup>+</sup> -channel- evier Science Pub	blocking toxins of lishers B.V.
D	AS	1	Couraud, F. to the inacti (1982)	., et al., "Two type vation of the action	es of scorpion toxin recept on potential sodium chann	or sites, one el," <i>Toxicon 2</i>	Related to the Acti 20:9-16, Pergamor	ivation, the Other n Press, Ltd.
D	АТ	1	Dehesa-Dá 1018, Elsev	vila, M. and Poss rier Science, Ltd.	ani, L.D., *Scorpionism an (1994)			
EXAMINER	R	<u> </u>	<b>—</b>			į	TE CONSIDERED	3) 3/10
EXAMINER: Initiand not consider	tial if refer	ence co de copy	nsidered, whe	ther or not citation i	s in conformance with MPEP tion to Applicant.	609. Draw line	e through citation if n	ot in conformance

		Page 2 of 6	;
	ATTY. DOCKET NO. 2099.0070001/JAG/LBB	APPLICATION NO. 10/721,793	
FORM PTO-1449	FIRST NAMED INVENTOR		_
	Corona Villegas et al.		
INFORMATION DISCLOSURE STATEMENT	FILING DATE	ART UNIT	_
	November 26, 2003	1653	

U.S. PATENT DOCUMENTS									
EXAMINER INITIAL		DOCU	JMENT BER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
	AA			_					
	AB								
	AC								
	AD								
	AE	-							
	AF								
	AG								
	AH								
	Al								
	AJ								
	AK			***************************************					
		!		FOREIGN	PATENT DOCUMENTS	<del>}</del>			
EXAMINER INITIAL		,	CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
<u> </u>	AL							Yes No	
	AM							Yes No	
	AN							Yes No	
	AO							Yes No	
	AP							Yes No	
			OTHER (I	ncluding Auth	or, Title, Date, Pertiner	nt Pages, etc.			
1	AR	2	Dehesa-Dav Animal Vend 221-238 (19	oms and Poison	clinical toxicology of scorpio s, Ch. 18, Meier, J., and Wi	on stings," in <i>Hai</i> hite, J., eds., CF	ndbook of Clinic C Press, Boca	al Toxicology of Raton, LA, pp.	
AO	AS	2	Edman, P. and Begg, G., "A protein sequenator," Eur. J. Biochem. 1:80-91, Blackwell Science, Ltd. on behalf of the Federation of European Biochemical Societies (1967)						
AO	AT	2	mammalian	toxin from the ve	characterization and compe enom of the Scorpion <i>Centi</i> vier Science, Inc. (1997)	arison of novel of ruroides noxius	rustacean toxin Hoffman," <i>Com</i>	with a p. Biochem.	
EXAMINER	8					DATE	CONSIDERED	3/3/d	
EXAMINER: Init	ial if refer	ence co	nsidered, whet	her or not citation	Is in conformance with MPEP (	609. Draw line thr	ough citation if no	ot in conformance	

			Page 3 o	f 6
•		ATTY. DOCKET NO. 2099.0070001/JAG/LBB	APPLICATION NO. 10/721,793	
	FORM PTO-1449	FIRST NAMED INVENTOR		
		Corona Villegas et al.		
•	INFORMATION DISCLOSURE STATEMENT	FILING DATE	ART UNIT	
		November 26, 2003	1653	

				U.S. P	ATENT DOCUMEN	ITS	***************************************		<u></u>	
EXAMINER INITIAL		DOCU	IMENT BER	DATE	NAME		ASS	SUB-CLASS	FILING DATE	
	AA									
	AB									
	AC									
	AD									
	AE									
	AF									
	AG									
	АН									
	Al									
	AJ									
	AK									
		<del></del>		FOREIGI	N PATENT DOCUM	IENTS				
EXAMINER INITIAL			UMENT MBER	DATE	COUNTRY	c	LASS	SUB-CLASS	TRANSLATION	
	AL								Yes No	
	АМ		ì						Yes No	
	AN							,	Yes No	
	AO								Yes No	
	AP								Yes No	
			OTHER (	Including Au	thor, Title, Date, Pe	ertinent Page	es, etc.)			
AD	AR	3	Legros, C., against sco	et al., "Use of f rplon toxins," V	usion protein construc accine 20:934-942, El	cts to generate Isevier Science	potent im	munotherapy ec. 2001)	and protection	
M	AS	3	whole solut	Licea, A.F., et al., "FAB fragments of the monoclonal antibody BCF2 are capable of neutralizing the whole soluble venom from the Scorpion Centruroides noxius Hoffman," Toxicon 34:843-847, Elsevier Science, Ltd. (1996)						
AG	АТ	3	Animales P Expertos er	lonzoñosos en l In Envenenamie	et al., "Panorama Epide la Población Derechol ento por Animales Pon exico, Alcapulco, Gro.,	habiente del IM <i>zoñoso</i> s, Instit	ASS 1990 tuto de Bi	-1998," in <i>3" R</i> otecnologia, U	Reunión de	
EXAMINER	1		$\supset$					CONSIDERED	3/3/00	
EXAMINER: Initiand not consider	ual inteferred. Inch	rence co	nsidered, whe	ther or not citatio	n is in conformance with cation to Applicant.	MPEP 609. Dra	w line thro	ough citation if no	ot in conformance	

<del></del>			Page 4 o	of 6
•		ATTY. DOCKET NO. 2099.0070001/JAG/LBB	APPLICATION NO. 10/721,793	
	FORM PTO-1449	FIRST NAMED INVENTOR Corona Villegas et al.		
•	INFORMATION DISCLOSURE STATEMENT	FILING DATE November 26, 2003	ART UNIT 1653	

				U.S. P.	TENT DOCUMENTS	<del></del>	····	<del></del>	
EXAMINER		DOCU	MENT	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
INITIAL	AA	NUME	EK	DATE	INAME	CLASS	SUB-CLASS	TIENGUATE	
				····					
	AB								
······································	AC								
							<u></u>		
	AD								
	AE	l					<u> </u>		
····							<u> </u>	_	
	AF							1	
	AG								
							<del> </del>		
	AH					İ			
	Al								
· · · · · · · · · · · · · · · · · · ·	AJ	<u> </u>					-		
	ام								
	AK								
<del></del>	<del></del>	<u> </u>		FORFIGN	PATENT DOCUMENTS	, <u>, L</u>	J		
EXAMINER		1		T ORLEGA					
INITIAL			UMENT	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
		NUM	IBER					Yes	
	AL							No	
								Yes No	
	AM			<u> </u>				Yes	
	AN							No	
	AO							Yes No	
	AU	+-						Yes	
	AP							No	
	<del></del>	1	OTHER (I	ncluding Auth	ior, Title, Date, Pertinen	t Pages, etc.	)	<del></del>	
D	AR	4	Nonner, W., Cytopharma	"Effects of <i>Leiu</i> acol. 3:345-352.	rus scorpion venom on the " Raven Press (1979)	gating" current	in myelinated n	erve," <i>Adv</i> .	
A	AS	4	Possani, L.D., et al., "Scorpion toxins from Centruroides noxius and Tityus serrulatus," Biochem. J. 229:739-750, Biochemical Society/Portland Press (1985)						
40	Possani, L.D., et al., "Scorpion toxins specific for NA* channels," Eur. J. Biochem. 264:287-300, Blackwell Science, Ltd. on behalf of the Federation of European Biochemical Societies (1999)						(1999)		
EXAMINER	M		7			DATE	CONSIDERED	3/3/06	
EXAMINER: Th	tial if refe	rence co	nsidered, whet	her or not citation	is in conformance with MPEP 6	09. Draw line the	rough citation if no	ot in conformance	
and not conside	red. Inclu	de copy	of this form wil	th next communication	ation to Applicant.				

		Page 5 of 6
	ATTY. DOCKET NO. 2099.0070001/JAG/LBB	APPLICATION NO. 10/721,793
FORM PTO-1449	FIRST NAMED INVENTOR	
	Corona Villegas et al.	
INFORMATION DISCLOSURE STATEMENT	FILING DATE	ART UNIT
	November 26, 2003	1653

				U.S. PA	ATENT DOCUMENTS			
EXAMINER INITIAL		DOCU	JMENT BER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
I IIII	AA		.=:	<del></del>				
	AB							
	AC							
	AD	-						
	AE					<u> </u>		
	AF							
	AG	ļ				1		
	AH					-		
	Al							
	AJ	<del>                                     </del>						
	AK	<del> </del>		<u> </u>				
ļ		l	1	FOREIGN	PATENT DOCUMENTS			
EXAMINER	T		UMENT					<b>************</b>
INITIAL		NUN	MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION Yes
	AL							No.
	AM							Yes No
								Yes
	AN	<del></del>				<del>- </del>		No Yes
	AO							No
	AP							Yes No
	_1/		OTHER (	Including Auth	or, Title, Date, Pertinent	Pages, etc.		
40	AR	5	Possani, L. Biochimie	D., <i>et al</i> ., "Peptid <i>82</i> :861-868, Edit	les and genes coding for scorp ions Scientifiques Elsevier (20	oion toxins tha	at affect ion-cha	nnels,"
	AS	5	Soraida Calderon-Aranda, E., et al., "Neutralizing capacity of murine sera Induced by different antigens of scorpion venom," <i>Toxicon 31</i> :327-337, Pergamon Press, Ltd. (1993)					
AO	АТ	<u>5</u>			E., et al., "The use of syntheitic corpion toxins," Vaccine 13:11			
EXAMINER	TOP	3	2			DATE	CONSIDERED	2/3/06
EXAMINER: Initiand and not consider	ial if refe	rence co	nsidered, whe	ther or not citation ith next communication	is in conformance with MPEP 609 atton to Applicant.	. Draw line thr	ough citation if no	ot in conformance
	111070				TC	·····		<del>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</del>

•			
		Page 6 of	6
	ATTY. DOCKET NO. 2099.0070001/JAG/LBB	APPLICATION NO. 10/721,793	
FORM PTO-1449	FIRST NAMED INVENTOR		
	Corona Villegas et al.		
INFORMATION DISCLOSURE STATEMENT	FILING DATE	ART UNIT	
	November 26, 2003	1653	

U.S. PATENT DOCUMENTS									
EXAMINER			MENT			CLASS	SUB-CLASS	FILING DATE	
INITIAL	AA	NUMB	DER	DATE	NAME	CLASS	JUB-CLASS	FILING DATE	
	AB								
							<u> </u>		
	AC								
	AD			_					
***	AE								
	AF								
	AG								
	AH	-							
_	Al								
	AJ								
	AK								
				FOREIGN	PATENT DOCUMENTS				
EXAMINER INITIAL			CUMENT	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	AL							Yes No	
	AM							Yes No	
	<del>-</del>	<b>-</b>						Yes No	
	AN	<del>                                     </del>						Yes	
	AO	<del> </del>						No Yes	
	AP	<u> </u>	OTHER (	malualian Austr	Title Date Desirons	Pages etc.	<u> </u>	No	
	T	1	1		or, Title, Date, Pertinent		-		
	AR	<u>6</u>	Strichartz, C excitable co	G., et al., "An inte ells," <i>Ann. Rev. I</i>	egrated view of the molecular Neurosci. 10:237-267, Annual	toxinology of Reviews, Inc	sodium channel . (1987)	gating in	
A	AS	<u>6</u>	Zamudio, F., et al., "Amino acid sequence and immunological characterization with monoclonal antibodies of two toxins from the venom of the Scorpion Centruroides noxius Hoffman," Eur. J. Biochem. 204:281-292, Blackwell Science, Ltd. on behalf of the Federation of European Biochemical Societies (1992)						
M	AT	6	English translation of Maraboto Martinez, J.A., et al., "Intoxications caused by poisonous animals among IMSS right-holders, 1990-1998. An epidemiological overview," in 3 <sup>a</sup> Reunión de Expertos en Envenenamiento por Animales Ponzoñosos, Instituto de Biotecnología, Universidad Nacional Autónoma de México, Alcapulco, Gro., México pp. 1-14 (1999), translated by Amador Rodriquez, J.C. (December 2004), Document AT3						
EXAMINER		X	5_	·····			CONSIDERED	13102	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.									